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Meeting Minutes
Interim Status Dangerous Waste Tank Systems
Hanford Federal Facility Agreement and Consent Order
Milestone M-32-00

PROJECT MANAGERS MEETING
May 22, 1996

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting (PMM).

(Not present)

E. M. Greager, Contractor Representative, Westinghouse Hanford Company Date: _____

 Date: 6-25-96
D. E. Jackson, Project Manager, Department of Energy, Richland Operations Office

 Date: 06/17/96
R. W. Wilson, Unit Manager, Washington State Department of Ecology

Purpose: Discuss current Double-Shell Tank Farm issues related to Milestone M-32-00.

Meeting minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Summary of Discussion, Agreements and Actions
- Attachment 2 - Attendance List



**MILESTONE M-32-00
PROJECT MANAGERS MEETING
May 22, 1996**

Summary of Discussion, Agreements and Actions

The purpose of this Project Managers Meeting (PMM) was to clarify agreements made during negotiations on the Double-Shell Tank (DST) assessment strategy. Mr. Mark Ramsay (RL) asked Ecology to share their understanding of these commitments.

Ms. Laura Cusack (Ecology) felt the following were the items agreed to:

- Ultrasonic testing (UT) of only six tanks is acceptable. Ms. Cusack qualified this agreement by adding that the testing of six tanks for the integrity assessment of 28 DSTs was contingent on the favorable results of those six tanks,
- The six DST's UT results would be reviewed by the Tank Structural Integrity Panel (TSIP),
- Based on these results, the TSIP would determine if additional DSTs would require integrity testing, and
- Testing of the six DSTs would be performed immediately in order to support the DST Part B Permit application process.

Mr. Casey Ruud (RL) stated that he did not recall agreeing to the TSIP's review of the six DST's integrity test results. Ms. Cusack mentioned that Ecology had documented their position in several letters to RL. Mr. Keith Scott (WHC) mentioned that a three person on-site "panel" (not the same as group as the TSIP) would review the UT results that were questionable once the Level III ultrasonic inspector screened the results. (The ultrasonic inspector would be provided by the vendor of the UT equipment. This was clarified after the meeting was over). Ms. Cusack pointed out that Ecology was never informed that the TSIP was not going to be used. She stated that if only six DSTs are going to be tested, then Ecology wants the TSIP involved in evaluating the test results as they alleviate Ecology's concerns about the assessment strategy. When asked why RL does not want to use the TSIP for these evaluations, Mr. Ramsay answered that the TSIP was no longer being funded. Later in the discussion, Mr. Ramsay mentioned that funding for the TSIP would have to be obtained from local budgets.

At this point, Mr. Scott explained the purpose of the TSIP. He mentioned that at the time the TSIP was formed no national standards existed that could be used for the DOE complex tank inspections that were required. The TSIP was created to put together guidelines for these inspections. However, recent modifications to the DST assessment approach may be viewed as a departure from original TSIP recommendations. Mr. Scott therefore recommends obtaining a TSIP evaluation of the new assessment approach. This will validate the methods used to assess the DSTs.

However, he also maintained that the TSIP's review of the integrity test results would only allow the TSIP to make recommendations based solely on a technical evaluation and not take into account risk, cost, savings, and future use. Ms. Cusack suggested that a package of test results could be sent to the TSIP after the testing was all complete. She emphasized that the TSIP would not need to be "sitting at WHC's door." Mr. Scott voiced the possibility that select members of the TSIP might be assembled to perform the evaluation requested by Ecology, if funding was obtained. Mr. Ramsay cautioned that RL management would need to agree before commitments could be made. He suggested that a technical approach for performing the assessments be drawn up and presented to management for approval.

Mr. Robert Wilson (Ecology) asked if management's approval could be obtained before the June 28, 1996 date required by Ecology's letter (#9601186, T. M. Michelena, Ecology, to J. E. Kinzer, RL, "Double-Shell Tank Integrity Assessment Schedule," dated May 8, 1996). Mr. Ramsay expressed his intentions to have a schedule available by that date but that the features of that schedule depended on funding. Mr. Dale Jackson (RL) pointed out that funding would probably not be enough to meet all of Ecology's expectations, but that he wanted progress to be made. After these discussions, Mr. Ruud agreed to investigate current funding available.

Next, Ms. Cusack asked what the path forward would be for the DST assessments. Mr. Ramsay suggested that Ecology and RL read the DST integrity examination review report (WHC-SD-WM-PD-047, "Double-Shell Tank Integrity Examination In-Process Review," dated 5/8/96) (Examination Review Report) as it recommends a path forward. Mr. Scott summarized the differences between the DST integrity assessment strategy previously submitted and the one proposed in the Examination Review Report as: a smaller percentage of the tank surface will be ultrasonically tested and a smaller portion of the knuckle area will be tested (the highest stress region would still be tested). Ms. Cusack insisted that the TSIP's favorable evaluation of this new approach be obtained and that it be done before the June 28, 1996 date. Mr. Scott agreed that those were his wishes too. Mr. Ruud reiterated that RL management approval was still necessary before the TSIP could be funded for this evaluation.

The discussion then turned to the independent qualified registered professional engineer's (IQRPE) certification that is required on the integrity assessment report (IAR). Mr. Wilson was assured that the final integrity assessment report would have an IQRPE's signature on it. Although, Mr. Scott pointed out that if the TSIP performs the technical evaluation of the DST's integrity test results, that portion of the assessment would not be within the scope of the IQRPE's review. He explained that the IQRPE could not make a complete evaluation of the tank's integrity based on only the visual examinations that have been performed. According to Ms. Cusack, the TSIP's purpose would be to determine if more tanks would need to be ultrasonically tested, so the TSIP's decision would be made before the IQRPE received the IAR. Mr. Scott stressed that if the IQRPE performed the technical evaluation of the test results, he would need written approval from Ecology waiving the need to test all 28 DSTs. Ms. Cusack stated that Ecology could write such a letter to the IQRPE, but that they still needed a technical evaluation from the TSIP on the test results from the six tanks.

Mr. Ramsay expressed his concern that funding limitations may prevent the completion of the DST's integrity assessments in the next two years. Ms. Cusack communicated her willingness to extend the assessment schedule beyond two years, but that she would recommend that the DST Part B permit not be issued until the assessments were complete. Mr. Ramsay indicated that there was a need to understand the impacts of delaying the Part B Permit (DST privatization). Mr. Dann Alison (WHC) recommended that we proceed with the Hanford Facility RCRA Permit modification (which incorporates the DST Part B permit). He pointed out that if the six DSTs are found lacking integrity, that a completely new approach for dealing with the tanks would be determined at that time. RL/WHC stated that the DST permitting schedule should not be impacted by the DST assessment schedule at this time (proceed on the assumption that the six tanks will be found fit for use). Mr. Alison also stated that the Transfer Facility Compliance Plan revision would not be completed until July 1996 (expected July 31, 1996). Ms. Cusack allowed that the June 28, 1996 schedule need not incorporate all the features of the overall assessment. The components of the assessment associated with the waste transfer system (included in the Transfer Facility Compliance Plan) could be submitted later. However, she did expect to see the DST's integrity test portion of the assessment by June 28, 1996.

In an aside, Ecology agreed that activities to obtain samples for chemical analysis by scraping tank AP-107 could be stopped. These activities were part of a response to concerns raised during Ecology's 241-AY & -AP Tank Farm inspection, conducted March 27 - 29, 1996. Ecology acknowledged that "swabbing" activities undertaken at tank AP-107 were sufficient to determine that the tank was not leaking. Also, Mr. Ramsay emphasized that RL would not be funding the TSIP to review the 1991/1992 AW and AP Tank Farm videotapes (tank annulus).

Ecology was given a copy of the Examination Review Report at the end of the meeting. (This completes the March 1, 1996 PMM DST action to provide the report to Ecology.)

Actions/Agreements:

1. Mr. Scott will provide a draft DST integrity assessment schedule (that will be prepared in response to the May 8, 1996 letter) based on the Examination Review Report by the next meeting on this subject. This draft schedule may not include all of waste transfer system elements (Transfer Facility components) of the assessment strategy.
2. Mr. Scott will provide a proposal for reviewing and certifying DST integrity assessments.
3. Mr. Alison will investigate the possibility of accelerating completion of the revised Transfer Facility Compliance Plan.
4. RL will investigate obtaining funding for the TSIP's evaluation of the new DST assessment approach proposed in the Examination Review Report.
5. Mr. Ramsay and Mr. Ruud will determine what funding is currently available for the assessments.
6. Another copy of the DST selection criteria report (WHC-SD-WM-ER-529) will be provided to Ecology.
7. Ecology will accept visual inspection and ultrasonic testing of six DSTs provided that an independent technical review is performed by the TSIP or by a group made up of certain members of the TSIP. This review can occur after all testing is completed. Funding for the TSIP is currently not available and RL approval is still needed.
8. Ecology will allow extending the June 28, 1996 due date on the waste transfer system (Transfer Facility Compliance Plan) portion of the assessment schedule.
9. Ecology agrees swabbing tank AP-107 was sufficient to determine that the tank is not leaking and that scraping of tank AP-107 need not be performed.
10. The next meeting is scheduled for June 5, 1996 at 8:15 am at the Federal Building in conference room 624D.

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Attachment 2

Attendance List

M-32-00 PROJECT MANAGER MEETING**May 22, 1996**

NAME	ORGANIZATION
Dann Alison	WHC-TWRS
Russ Brown	WHC-TPAI
Laura Cusack	Ecology
Dale Jackson	DOE-EAP
Mark Ramsay	RL Programs
Casey Ruud	DOE-WSD
Keith Scott	WHC-TWRS
Ana Sherwood	WHC-ES
Bob Wilson	Ecology

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**Project Managers Meeting Minutes
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DISTRIBUTION LIST

Name		MSIN	Name		MSIN
D. Alison	WHC	R1-51	M. L. Ramsay	RL	S7-54
R. C. Bowman	WHC	H6-24	C. O. Ruud	RL	S7-54
W. R. Brown	WHC	H6-21	K. V. Scott	WHC	H5-52
L. J. Cusack	Ecology	B5-18	A. R. Sherwood	WHC	H6-22
G. W. Duffield	WHC	R1-90	J. M. Thurman	WHC	R1-51
W. F. Erbe	WHC	S5-01	J. H. Wicks	WHC	R2-50
B. G. Erlandson	WHC	R2-36	B. D. Williamson	WHC	B3-15
L. A. Garner	WHC	R2-36	R. W. Wilson	Ecology	B5-18
E. M. Greager	WHC	H6-20			
C. C. Haass	RL	S7-51			
D. E. Jackson	RL	A5-15			
W. W. Jenkins	WHC	S2-24			

Administrative Record: TPA Milestone M32-00:
T-2-5, TS-2-1, T-2-7, TS-2-3, S-2-3
[Care of EDMC, WHC (H6-08)]

Please send comments on distribution to A. R. Sherwood, H6-22, 376-6391.